

Wavy scribble
2/16/58 E.M. ce

Handwritten file no. 53-2-94

February 17, 1953

Dr John R. Huffman
Technical Consultant
Atomic Energy Division
Phillips Petroleum Company
Idaho Falls, Idaho

MONTHLY CLASSIFICATION REVIEW	
1. REVIEW DATE: 11/29/57	DETERMINATION TO BE MADE:
AUTHORITY: <input type="checkbox"/> AD <input type="checkbox"/> AAC <input type="checkbox"/> ADD	1. CLASSIFICATION RETAINED
NAME: J. M. FLANNERY	2. CLASSIFICATION CHANGED TO
2ND REVIEW DATE: 11/5/58	3. CONTAINS INFO CLASSIFIED INFO
AUTHORITY: ADD	4. COORDINATE WITH
NAME: Robertan	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO RECLASSIFIED
	7. OTHER ACTION

Dear Dr. Huffman:

The processing of the first shipment has been completed and we are listing below the process values that we have obtained. All values are as of the reactor shutdown time, November 9, 1952.

Released through the
MOUND LSDR PROJECT
(funded through DOE's OPENNESS INITIATIVE)
Record Copy held at Mound Facility

Slug No's.	Reactor Location	Calorimeter Value	Process Value
C 617-637	A-31	383.5	406.7
C 926-943	A-33	215.8	223.5
C 305-328	A-9	168.2	227.9
C 593-616	A-2	217.9	225.5
C 473-496	A-34	218.8	223.1
C 545-568	A-40	217.9	230.6
C 449-472	A-29	212.5	227.7
C 521-544	A-39	392.6	394.6

GROUP 1
Excluded from automatic
downgrading and
declassification

In our experience with measuring other batches as we have the above, the process value generally differs from the calorimeter value. We consider the calorimeter value as being the correct one. The process value is based upon remote measuring of liquid volumes, sample taking, diluting, mounting, and counting of samples, all of which offer some probability of error.

The above table indicates that good agreement was obtained except for batch A-9. We have no particular reason to advance for this rather large discrepancy.

The men who are doing the calorimeter work have again asked if you would tell us which are the bottom slugs of the columns and what is the relation of the center of the reactor with respect to the vertical height of a column.

We will continue to measure the subsequent shipments according to the directions we have received.

Yours very truly,

Edw. C. McCarthy

Edw. C. McCarthy
Director, Operations Division

ECMcC:ng

Distribution:

- 1. J.R. Huffman
- 2. J.J. Burbage
- 3. J.H. Roberson
- 4. E.C. McCarthy
- 5. W.B. Lewis
- 6. W.W. Parrington
- 7. D.J. Mallon
- 8. J.R. Parks
- 9. D.L. Tigman
- 10. Central Files
- 11. Central Files

SECRET

Restricted Data
GROUP 1
Excluded from automatic
downgrading and
declassification